

(19) World Intellectual Property
Organization
International Bureau



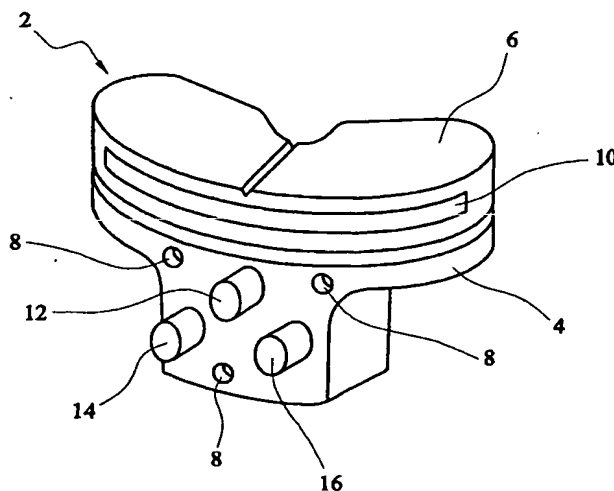
(43) International Publication Date
4 March 2004 (04.03.2004)

PCT

(10) International Publication Number
WO 2004/017843 A1

- (51) International Patent Classification⁷: **A61B 17/17**, 17/15
- (74) Agents: **BELCHER, Simon, James et al.**; Uquhart-Dykes & Lord, Tower House, Merriion Way, Leeds, LS2 8PA (GB).
- (21) International Application Number: PCT/GB2003/003496
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 11 August 2003 (11.08.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 0219342.3 20 August 2002 (20.08.2002) GB
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR).
- (71) Applicant (*for all designated States except US*): **DEPUY INTERNATIONAL LIMITED** [GB/GB]; St Anthony's Road, Beeston, Leeds LS11 8DT (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **FARRAR, Richard** [GB/GB]; Hall Green Farmhouse, Hall Green Lane, North Rigion, LS17 0DW (GB). **COLQUHOUN, Callum** [GB/GB]; Ashleigh House, 2 School Lane, Southowram, Halifax, HX3 9TL (GB).
- Published:
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: A GUIDE BLOCK FOR USE IN SURGERY



(57) Abstract: A guide block for use in surgery to locate a surgical tool accurately relative to an anatomical feature comprises a fixation part which can be fastened directly to the patient's tissue, and a guide part having at least one structural feature to engage a surgical tool to ensure that the tool is located appropriately relative to the patient's tissue. The guide part is mounted on the fixation part. The guide block includes at least two drives for adjusting the position of the guide part relative to the fixation part, so that the position of the guide part relative to the fixation part can be adjusted in at least two degrees of freedom. The fixation part of the guide block includes a housing which is hollow, and the drives are located inside the housing.

WO 2004/017843 A1